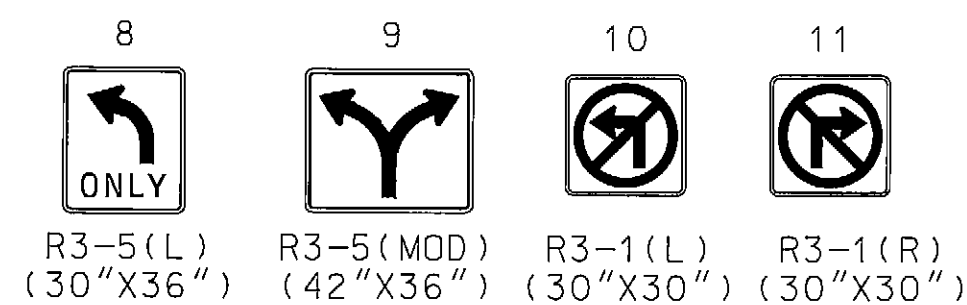


MD 139 IS ASSUMED
TO RUN IN A
NORTH-SOUTH DIRECTION

PROPOSED SIGNS

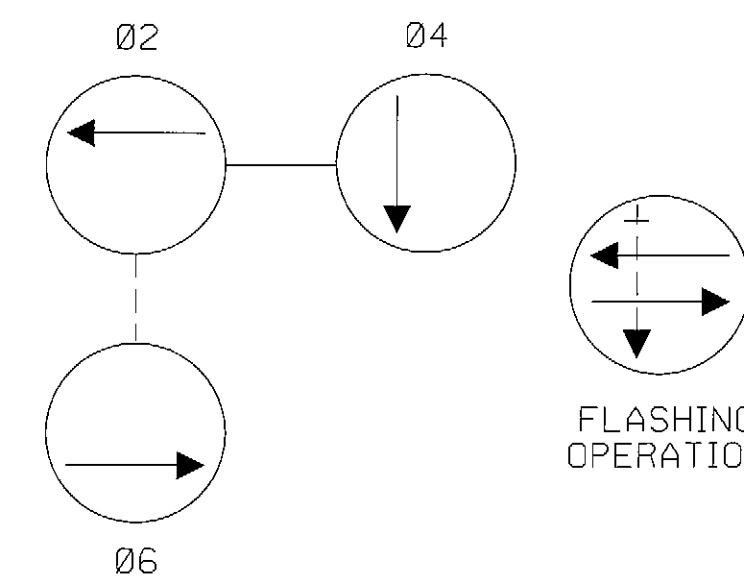


RELOCATED VIDEO
DETECTION CAMERAS
FROM PHASE 1 & 2A
a,b,c

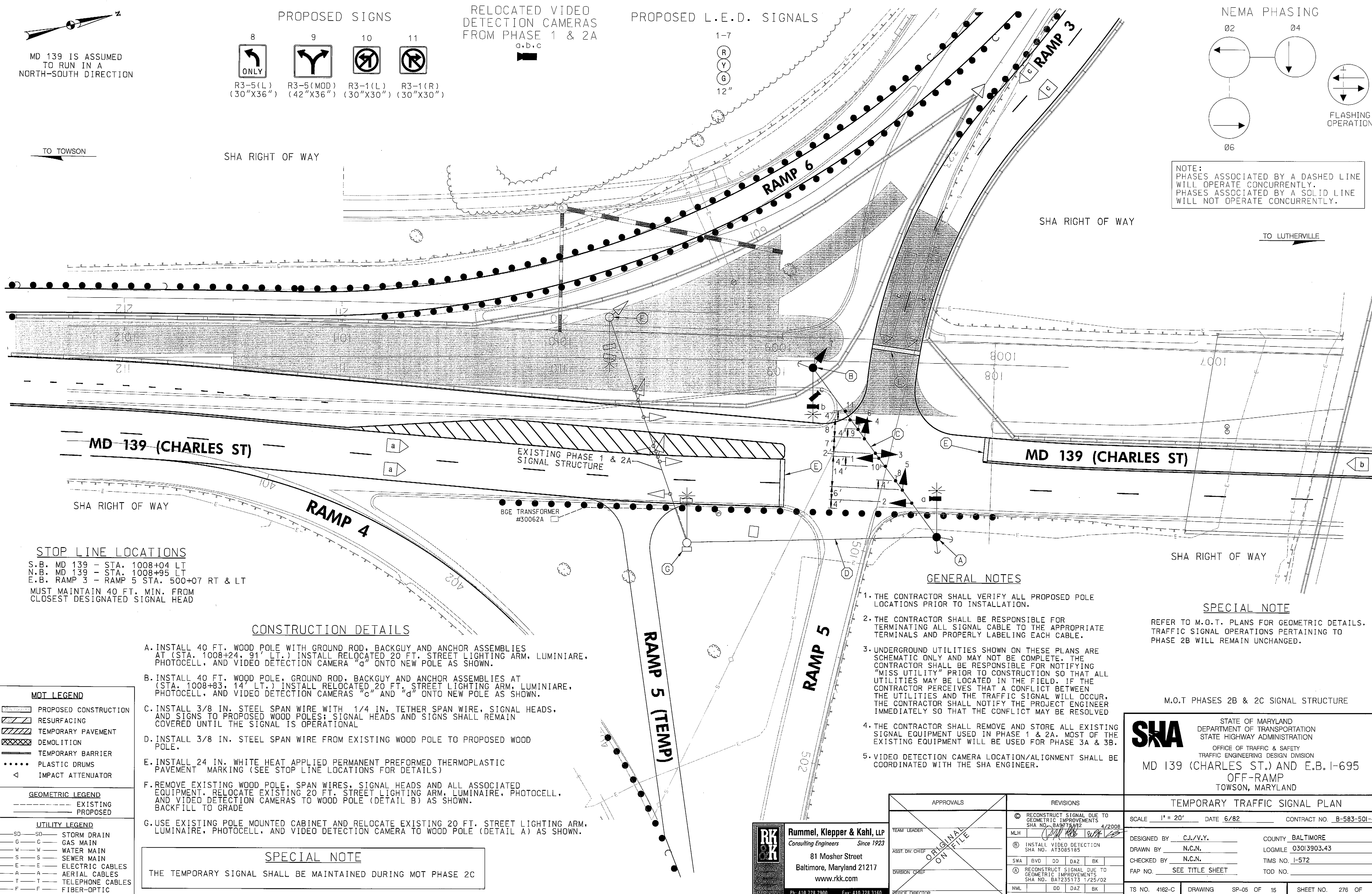
PROPOSED L.E.D. SIGNALS

1-7
R
Y
G
12"

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE
WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE
WILL NOT OPERATE CONCURRENTLY.



STOP LINE LOCATIONS

S.B. MD 139 - STA. 1008+04 LT
N.B. MD 139 - STA. 1008+95 LT
E.B. RAMP 3 - STA. 500+07 RT & LT
MUST MAINTAIN 40 FT. MIN. FROM
CLOSEST DESIGNATED SIGNAL HEAD

CONSTRUCTION DETAILS

- INSTALL 40 FT. WOOD POLE WITH GROUND ROD, BACKGUY AND ANCHOR ASSEMBLIES AT (STA. 1008+24, 91' LT.) INSTALL RELOCATED 20 FT. STREET LIGHTING ARM, LUMINAIRE, PHOTOCELL, AND VIDEO DETECTION CAMERA "a" ONTO NEW POLE AS SHOWN.
- INSTALL 40 FT. WOOD POLE, GROUND ROD, BACKGUY AND ANCHOR ASSEMBLIES AT (STA. 1008+83, 14' LT.) INSTALL RELOCATED 20 FT. STREET LIGHTING ARM, LUMINAIRE, PHOTOCELL, AND VIDEO DETECTION CAMERAS "c" AND "d" ONTO NEW POLE AS SHOWN.
- INSTALL 3/8 IN. STEEL SPAN WIRE WITH 1/4 IN. TETHER SPAN WIRE, SIGNAL HEADS, AND SIGNS TO PROPOSED WOOD POLES; SIGNAL HEADS AND SIGNS SHALL REMAIN COVERED UNTIL THE SIGNAL IS OPERATIONAL
- INSTALL 3/8 IN. STEEL SPAN WIRE FROM EXISTING WOOD POLE TO PROPOSED WOOD POLE.
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (SEE STOP LINE LOCATIONS FOR DETAILS)
- REMOVE EXISTING WOOD POLE, SPAN WIRES, SIGNAL HEADS AND ALL ASSOCIATED EQUIPMENT, RELOCATE EXISTING 20 FT. STREET LIGHTING ARM, LUMINAIRE, PHOTOCELL, AND VIDEO DETECTION CAMERAS TO WOOD POLE (DETAIL B) AS SHOWN. BACKFILL TO GRADE
- USE EXISTING POLE MOUNTED CABINET AND RELOCATE EXISTING 20 FT. STREET LIGHTING ARM, LUMINAIRE, PHOTOCELL, AND VIDEO DETECTION CAMERA TO WOOD POLE (DETAIL A) AS SHOWN.

MOT LEGEND

- PROPOSED CONSTRUCTION
- RESURFACING
- TEMPORARY PAVEMENT
- DEMOLITION
- TEMPORARY BARRIER
- PLASTIC DRUMS
- IMPACT ATTENUATOR

GEOMETRIC LEGEND

- EXISTING
- PROPOSED

UTILITY LEGEND

- SD - STORM DRAIN
- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES
- F - FIBER-OPTIC

SPECIAL NOTE

THE TEMPORARY SIGNAL SHALL BE MAINTAINED DURING MOT PHASE 2C

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED
- THE CONTRACTOR SHALL REMOVE AND STORE ALL EXISTING SIGNAL EQUIPMENT USED IN PHASE 1 & 2A. MOST OF THE EXISTING EQUIPMENT WILL BE USED FOR PHASE 3A & 3B.
- VIDEO DETECTION CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.

SPECIAL NOTE

REFER TO M.O.T. PLANS FOR GEOMETRIC DETAILS.
TRAFFIC SIGNAL OPERATIONS PERTAINING TO
PHASE 2B WILL REMAIN UNCHANGED.

M.O.T PHASES 2B & 2C SIGNAL STRUCTURE

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 139 (CHARLES ST.) AND E.B. I-695
OFF-RAMP
TOWSON, MARYLAND

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 6/82 CONTRACT NO. B-583-501-485

DESIGNED BY C.J./V.Y. COUNTY BALTIMORE
DRAWN BY N.C.N. LOGMILE 03013903.43
CHECKED BY N.C.N. TMS NO. 1-572
FAP NO. SEE TITLE SHEET TOD NO.

TS NO. 4182-C DRAWING SP-05 OF 15 SHEET NO. 276 OF

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APPROVALS	REVISIONS
TEAM LEADER	RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BA7235173 4/2/2008
ASST. DIV. CHIEF	INSTALL VIDEO DETECTION SHA NO. AT3085185
DIVISION CHIEF	RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BA7235173 1/25/02
OFFICE DIRECTOR	